

Date: Tue, 4 Oct 94 04:30:42 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: List
Subject: Ham-Space Digest V94 #278
To: Ham-Space

Ham-Space Digest Tue, 4 Oct 94 Volume 94 : Issue 278

Today's Topics:

 ARLS032 Listen for Mir beacon
 STS-68 Orbital State Vector Rev #50
 Tracking Prg for Ami?

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 03 Oct 1994 11:45:41 EDT
From: w1aw@arrl.org
Subject: ARLS032 Listen for Mir beacon

SB SPACE @ ARL \$ARLS032
ARLS032 Listen for Mir beacon

ZCZC AS76
QST de W1AW
Space Bulletin 032 ARLS032
From ARRL Headquarters
Newington, CT October 3, 1994
To all radio amateurs

SB SPACE ARL ARLS032
ARLS032 Listen for Mir beacon

German astronaut Dr. Ulf Merbold will be active aboard the space
station MIR, signing DP3MIR, during the European Space Agency's
EUROMIR 94 mission, scheduled to begin October 3.

Dr Merbold will give ''information regarding the mission'' using a digital voice memory designed and built by Thomas Kieselbach, DL2MDE. Kieselbach has arranged with Dr Merbold to load actual spoken reports into the digital memory as frequently as time permits, probably every two to three days, according to Norbert Notthoff, DF5DP, the Deutscher Amateur Radio Club's Coordinator for Satellites and Space Projects.

The reports in English and German will be retransmitted automatically on 145.550 MHz FM.

Dr Merbold will stay aboard MIR for 30 days.

NNNN
/EX

Date: Mon, 3 Oct 1994 14:37:35 GMT
From: astroman@netcom.com (SignalMan)
Subject: STS-68 Orbital State Vector Rev #50

Vector format = 117
Satellite Name: STS-68
Catalog Number: 23285 94062A
Epoch Date/Time: 94276.50123519676
10/03/1994 12:01:46.721 UTC
EFG E: 2514157.25 ft
F: -13874820.34 ft
G: 16407933.33 ft
Edot: 18067.6634 ft/s
Fdot: 14067.4224 ft/s
Gdot: 9120.5219 ft/s
ndot/2 (drag): 0.00181325949 rev/day^2
nddt/6: 1.35224E-07 rev/day^3
Bstar: 8.53899E-05 1/Earth Radii
Elset #: 7
Rev @ Epoch: 50.17990446847

MSDOS/PC software is available for conversion of
OSV to 2 Line Keplerian Elements via ftp to:
oak.oakland.edu:/pub/msdos/hamradio/v219331.zip
and the SIMTEL archives.

State Vectors courtesy Ken Ernandes N2WW

SM

Date: Sun, 2 Oct 94 12:39:17 CET
From: ANDRE_BREMER@AWORLD.aworld.de (Andre Bremer)
Subject: Tracking Prg for Ami?

jamesb@clark.net (James Alex Brooks) wrote:

JB> I was just wondering if there is a sat tracking program for the Amiga
JB> computer? I have the A4000 and A2000. Mainl, I will be tracking the
JB> SATs with the A2000. Any info would help.

Hello!

I've got AmiSat by DG7YFQ which displays Satellites on a world map,
calculates antenna positions and so on.

It works fine on any Amiga, I've tested it on an A 500 and on my
A 1200...

JB> Thanks,
JB>
JB>
JB> --
JB> James "Alex" Brooks
JB> ARS N4POE
JB> {Packet Station}
JB>

Greetings, Andre

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Andre_Bremer@aworld.aworld.de | SMail: : Rosendahler Str. 92
Packet: DH4DAP @ DB0END.#NRW.DEU.EU | D- 58285 Gevelsberg
73 to all Ham's! (Phonie via DB0EN) | Voice: V+49-02332-4295

Date: Mon, 3 Oct 1994 14:15:39 GMT
From: elements-request@alsys.com (Shuttle Elements)

References<STS-68.94273.528@alsys.com> <STS-68.94273.713@alsys.com>,
<STS-68.94274.824@alsys.com>
Reply-To: elements-request@alsys.com
Subject: STS-68 Element Set (94276.120)

STS-68
1 23285U 94 62 A 94276.12007817 .00177240 13808-4 93117-4 0 64

2 23285 57.0041 65.3969 0009364 282.2179 77.7835 16.20748183 445

Satellite: STS-68

Catalog number: 23285

Epoch time: 94276.12007817 = (03 OCT 94 02:52:54.75 UTC)

Element set: 006

Inclination: 57.0041 deg

RA of node: 65.3969 deg

Space Shuttle Flight STS-68

Eccentricity: .0009364

Keplerian element set JSC-006

Arg of perigee: 282.2179 deg

from NASA flight Day 3 vector

Mean anomaly: 77.7835 deg

Mean motion: 16.20748183 rev/day

Gil Carman

Decay rate: 1.77240e-03 rev/day^2

NASA Johnson Space Center

Epoch rev: 44

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Gary Morris Internet: garym@alsys.com
Alsys Inc. Packet: KK6YB @ N0ARY.#NOCAL.CA.USA.NA
San Diego, CA, USA Phone: +1 619-457-2700 x128 (voice/fax)

Date: Mon, 3 Oct 1994 16:30:57 GMT

From: elements-request@alsys.com (Shuttle Elements)

References<STS-68.94273.713@alsys.com> <STS-68.94274.824@alsys.com>, <STS-68.94276.120@alsys.com>

Reply-To: elements-request@alsys.com

Subject: STS-68 Element Set (94276.675)

STS-68

1 23285U 94 62 A 94276.67518413 .00136094 11322-4 71939-4 0 73

2 23285 57.0063 62.7154 0009256 276.8039 83.1971 16.20939096 537

Satellite: STS-68

Catalog number: 23285

Epoch time: 94276.67518413 = (03 OCT 94 16:12:15.90 UTC)

Element set: 007

Inclination: 57.0063 deg

Space Shuttle Flight STS-68

RA of node: 62.7154 deg

Keplerian element set JSC-007

Eccentricity: .0009256

from NASA flight Day 4 vector

Arg of perigee: 276.8039 deg

Mean anomaly: 83.1971 deg

Gil Carman

Mean motion: 16.20939096 rev/day

NASA Johnson Space Center

Decay rate: 1.36094e-03 rev/day^2

Epoch rev: 53

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Gary Morris Internet: garym@alsys.com
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End of Ham-Space Digest V94 #278
